

DNAxPAb

Hard-to-Find
Antibody

PIGQ DNAxPab

Catalog # H00009091-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human PIGQ DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MVLKAFFPTCCVSTDGSLLVGRWVPEQSSAVVLAVLHFPFIPIQVKQLLAQVRQASQVGVAVLGT
WCHCRQEPEESLGRFLES LGAVFPHEPWRLRCRERGGTFWSCEATHRQAPTAPGAPGEDQVM
LIFYDQRQVLLSQLHLPTVLPDRQAGATTASTGGLAAVFDTVARSEVLFRRDRFDEGPVRLSHWQ
SEGVEASILAELARRASGPICLLLASLLSLVSAVSACRVFKLWPLSFLGSKLSTCEQLRHRLEHLT
LIFSTRKAENPAQLMRKANTVASVLLDVALGLMLLSWLHGRSRIGHLADALVPVADHVAEELQHL
LQWLMGAPAGLKMNRALDQVLGRFFLYHIHLWISYIHLMSPFVEHILWHVGLSACLGLTVALSLLS
DIALLT FHIYCFVYGARLYCLKIHGLSSLWRLF RGKKWNVLRQRVDSCSYDLDQLFIGTLLFTILLFL
LPTTALYYLVFTLLRLLVAVQGLIHLLVDLINSPLYSGLRLCRPYRLADKPTALQPRGAHLPPPQ
LWLPPQALLGRPVPQAVPWGAHLPLEAERGQAGLRELLARLAPPHGHSQPSALPGWHQLSWR
MSCALWTLLCAPEHGRPCYHTLGLEVIGSEQMWGWPARLAALHHWHCLPWDPLPTCCGHHGG
EHSNPRCPEHCPMPTLCTQVQVRVPPQQPVVEGWSPWGLPSGSALAVGVEGPCQDEPPSPR
HPLAPSAEQHPASGGLKQSLTPVPSGPGPSLPEPHGVYLRMFPEVAL

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PIGQ

Entrez GeneID [9091](#)

GeneBank Accession# [NM_148920.1](#)

Protein Accession# [NP_683721.1](#)

Gene Name PIGQ

Gene Alias GPI1, MGC12693, c407A10.1, hGPI1

Gene Description phosphatidylinositol glycan anchor biosynthesis, class Q

Omim ID [605754](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is involved in the first step in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This gene encodes a N-acetylglucosaminyl transferase component that is part of the complex that catalyzes transfer of N-acetylglucosamine (GlcNAc) from UDP-GlcNAc to phosphatidylinositol (PI). [provided by RefSeq]

Other Designations N-acetylglucosaminyl transferase component Gpi1|N-acetylglucosaminyl transferase component GPI1|c407A10.1 (GPI1 (N-acetylglucosaminyl transferase component))|phosphatidylinositol glycan, class Q

Pathway

- [Glycosylphosphatidylinositol\(GPI\)-anchor biosynthesis](#)
- [Metabolic pathways](#)

Disease

- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)